Author index

Aarsaether, N., see Aarsland, A. (1033) 176
Aarsland, A., Berge, R.K., Bremer, J. and Aarsaether, N.
The hypolipidemic peroxisome-proliferating drug, bis(carboxymethylthio)-1.10 decane, a dicarboxylic metabolite of tiadenol, is activated to an acylcoenzyme A thioester (1033) 176
Acebal, C., see Estrada, P. (1033) 298
Agarwal, M.K., see Lazar, G. (1033) 41
Aita, M., see Simmaco, M. (1033) 318
Argomaniz, L., see Liras, A. (1033) 114

Bachhawat, A.K., see Shashi, K. (1033) 23
Barra, D., see Simmaco, M. (1033) 318
Baverel, G., see Martin, G. (1033) 261
Behne, D., Scheid, S., Kyriakopoulos, A. and Hilmert, H.
Subcellular distribution of selenoproteins in the liver of the rat (1033) 219
Beiso, P., Pidard, D., Fournier, D., Dubernard, V. and Legrand, C.
Studies on the interaction of platelet glycoprotein IIb-IIIa and glycoprotein IV with fibrinogen and thrombospondin: A new immunochemical approach (1033) 7
Berge, R.K., see Aarsland, A. (1033) 176
Besson, J., see Martin, G. (1033) 261
Bhalla, V.K., see Browne, E.S. (1033) 226
Bossa, F., see Simmaco, M. (1033) 318
Brand, M.D., see Johnston, J.D. (1033) 85
Bremer, J., see Aarsland, A. (1033) 176
Breter, H.-J. and Mertes, H.
The quantitative determination of metabolites of 6-mercaptopurine in biological materials. VII. Chemical synthesis by phosphorylation of 6-thioguanosine 5′-monophosphate, 5′-diphosphate and 5′-triphosphate, and their purification and identification by reversed-phase/ion-pair high-performance liquid chromatography and by various enzymatic assays (1033) 124
Browne, E.S., Flasch, M.V., Sairam, M.R. and Bhalla, V.K.
Is deglycosylated human chorionic gonadotropin an antagonist to human chorionic gonadotropin? Characterization of deglycosylated human chorionic gonadotropin action in two testicular interstitial cell fractions (1033) 226
Burt, C.T. and Levine, J.F.
Cytosolic water-soluble phosphodiester in vertebrate lens (1033) 189

Carratú, L., see Palumbo, A. (1033) 256
Castillo, G., see Templeton, D.M. (1033) 235
Castillón, M.P., see Estrada, P. (1033) 298
Cawston, T., McLaughlan, P., Coughlan, R., Kyle, V. and Hazleman, B.
Synovial fluids from infected joints contain metalloproteinase – tissue inhibitor of metalloproteinase (TIMP) complexes (1033) 96
Chen, C.-S., Chen, T. and Shieh, W.-R.
Metabolic stereoisomeric inversion of 2-arylpropionic acids. On the mechanism of ibuprofen epimerization in rats (1033) 1
Chen, K.Y., see Yang, Y.C. (1033) 133
Chen, T., see Chen, C.-S. (1033) 1
Cherkaoui Malki, M., see Kante, A. (1033) 291
Chi-Hung Siu, , see Stuart Bailey, J. (1033) 267
Ciaffoni, F., see Vaccaro, A.M. (1033) 73
Coquard, C., see Kante, A. (1033) 291
Coughlan, R., see Cawston, T. (1033) 96
Crepaldi, G., see Lapolla, A. (1033) 13

Davis, R.H., see Yang, Y.C. (1033) 133
De Biase, D., see Simmaco, M. (1033) 318
De Grip, W.J., see Schalken, J.J. (1033) 103
De Wit, L.E.A., see Hülsmann, W.C. (1033) 214
D'Ischia, M., see Palumbo, A. (1033) 256
Dominguez, J.M., see Estrada, P. (1033) 298
Dowding, A.J., see Preston-Hurlburt, P. (1033) 324
Dubernard, V., see Beiso, P. (1033) 7
Durozard, D., see Martin, G. (1033) 261

Ehtechami, C., see Schümann, K. (1033) 277
Elliott, B.M., see Hand, D. (1033) 57
Elsenhans, B., see Schümann, K. (1033) 277
Estrada, P., Mata, I., Dominguez, J.M., Castillón, M.P. and Acebal, C.
Kinetic mechanism of β-glucosidase from *Trichoderma reesei* QM 9414 (1033) 298

Falconieri Erspamer, G., see Simmaco, M. (1033) 318
Fedele, D., see Lapolla, A. (1033) 13
Fell, D. and Selhub, J.
Disruption of thymidylate synthesis and glycine–serine interconversion by L-methionine and L-homocystine in Raji cells (1033) 80
Fischer-Colbrie, R., see Laslop, A. (1033) 65
Flasch, M.V., see Browne, E.S. (1033) 226
Forth, W., see Schümann, K. (1033) 277
Fournier, D., see Beiso, P. (1033) 7

Galand, G.
First purification and characterization of a sucrase-isomaltase from goose kidney microvillous membrane (1033) 35
Gallozzi, E., see Vaccaro, A.M. (1033) 73
Gasa, S., see Ohno, H. (1033) 19
Gerhardinger, C., see Lapolla, A. (1033) 13
Ghezzo, E., see Lapolla, A. (1033) 13
Griffin, M., see Hand, D. (1033) 57

Habara, Y., see Ohno, H. (1033) 19
Hand, D., Elliott, B.M. and Griffin, M.
Characterisation of the cellular substrates for transglutaminase in normal liver and hepatocellular carcinoma (1033) 57
Hanner, M., Redl, B. and Stöffler, G.
Isolation and characterization of an intracellular aminopeptidase from the extreme thermophilic archaebacterium *Sulfolobus solfataricus* (1033) 148
Hawkins, R.K., see Schalken, J.J. (1033) 103
Hawrot, E., see Preston-Hurlburt, P. (1033) 324
Hayashi, M., see Kitagaki-Ogawa, H. (1033) 49
Hazleman, B., see Cawston, T. (1033) 96
Herben, P.F.G., Mozes, N. and Rouxhet, P.G.
Variation of the surface properties of *Bacillus licheniformis* according to age, temperature and aeration (1033) 184
Hilmert, H., see Behne, D. (1033) 219
Hogue-Angeletti, R., see Laslop, A. (1033) 65
Holma, B., see Thorén, S.A. (1033) 305

Hülsmann, W.C., De Wit, L.E.A., Schneydenberg, C. and Verkleij, A.J.
Loss of cardiac contractility and severe morphologic changes by acutely lowering the pH of the perfusion medium: protection by fatty acids (1033) 214
Hwang, P.L.H.
High-affinity binding sites for oxygenated sterols in rat liver microsomes: possible identity with antiestrogen binding sites (1033) 154

Ikeda, T., see Takada, K. (1033) 273
Ikeda, T., see Takada, K. (1033) 91
Itoh, M., see Kawamura, A. (1033) 201
Izumi, M., see Kitagaki-Ogawa, H. (1033) 49

Janssen, J.J.M., see Schalken, J.J. (1033) 103
Jean-Luc, G., see Khang, N.Q. (1033) 210
Johan, H., see Khang, N.Q. (1033) 210
Johnston, J.D. and Brand, M.D.
The mechanism of Ca^{2+} stimulation of citrulline and *N*-acetylglutamate synthesis by mitochondria (1033) 85
Jorge, J.A., see Peralta, R.M. (1033) 243
Joseph, R., see Shashi, K. (1033) 23

Kakimoto, Y., see Mizobuchi, M. (1033) 119
Kakimoto, Y., see Ueno, S.-i. (1033) 169
Kante, A., Cherkaoui Malki, M., Coquard, C. and Latruffe, N.
Metabolic control of the expression of mitochondrial D-β-hydroxybutyrate dehydrogenase, a ketone body converting enzyme (1033) 291
Kashiwagi, H., see Kitagaki-Ogawa, H. (1033) 49
Kawamura, A., Kijima-Suda, I., Sugimoto, M., Itoh, M., Takada, K., Tomita, K., Ogawa, T. and Nagai, Y.
A monoclonal antibody to free *N*-acetylneuraminic acid (1033) 201
Khang, N.Q., Jean-Luc, G. and Johan, H.
A blood group A specific lectin from the seeds of *Crotalaria striata* (1033) 210
Kijima-Suda, I., see Kawamura, A. (1033) 201
Kirschke, H., see Laslop, A. (1033) 65
Kitagaki-Ogawa, H., Yatohgo, T., Izumi, M., Hayashi, M., Kashiwagi, H., Matsumoto, I. and Seno, N.
Diversities in animal vitronectins. Differences in molecular weight, immunoreactivity and carbohydrate chains (1033) 49
Kojo, S., see Tsukamoto, I. (1033) 287
Kubicek, C.P., see Kubicek-Pranz, E.M. (1033) 250
Kubicek-Pranz, E.M., Mozelt, M., Röhr, M. and Kubicek, C.P.
Changes in the concentration of fructose 2,6-bisphosphate in *Aspergillus niger* during stimulation of acidogenesis by elevated sucrose concentration (1033) 250
Kuroshima, A., see Ohno, H. (1033) 19
Kustin, K., see Lee, S. (1033) 311
Kyle, V., see Cawston, T. (1033) 96
Kyriakopoulos, A., see Behne, D. (1033) 219

Lapolla, A., Gerhardinger, C., Ghezzo, E., Seraglia, R., Sturaro, A., Crepaldi, G., Fedele, D. and Traldi, P.
Identification of furoyl-containing advanced glycation products in collagen samples from diabetic and healthy rats (1033) 13
Laslop, A., Fischer-Colbrie, R., Kirschke, H., Hogue-Angeletti, R. and Winkler, H.
Chromogranin A-processing proteinases in purified chromaffin granules: contaminants or endogenous enzymes? (1033) 65
Latruffe, N., see Kante, A. (1033) 291
Lazar, G., Pagano, M. and Agarwal, M.K.
Purification and characterization of the activated mineralocorticoid receptor from rat myocardium (1033) 41
Lee, S., Nakanishi, K. and Kustin, K.
The intracellular pH of tunicate blood cells: *Ascidia ceratodes* whole blood, morula cells, vacuoles and cytoplasm (1033) 311
Legrand, C., see Beiso, P. (1033) 7
Levine, J.F., see Burt, C.T. (1033) 189
Liras, A., Argomaniz, L. and Llorente, P.
Presence, preliminary properties and partial purification of 5-phosphoribosylpyrophosphate amidotransferase from *Artemia* sp. (1033) 114
Llorente, P., see Liras, A. (1033) 114

Martin, G., Durozard, D., Besson, J. and Baverel, G.
Effect of the antiepileptic drug sodium valproate on glutamine and glutamate metabolism in isolated human kidney tubules (1033) 261
Mata, I., see Estrada, P. (1033) 298
Matsumoto, I., see Kitagaki-Ogawa, H. (1033) 49
McLaughlan, P., see Cawston, T. (1033) 96
Mertes, H., see Breter, H.-J. (1033) 124
Misuraca, G., see Palumbo, A. (1033) 256
Miyake, M., see Mizobuchi, M. (1033) 119
Miyazawa, N., see Ohno, H. (1033) 19
Mizobuchi, M., Miyake, M., Sano, A. and Kakimoto, Y.
High concentration of free trimethyllysine in red blood cells (1033) 119
Monti, M., see Thorén, S.A. (1033) 305
Morino, H., see Ueno, S.-i. (1033) 169
Mozelt, M., see Kubicek-Pranz, E.M. (1033) 250
Mozes, N., see Herben, P.F.G. (1033) 184
Mykkanen, H.M. and Wasserman, R.H.
Reactivity of sulfhydryl groups in the brush-border membranes of chick duodena is increased by 1,25-dihydroxycholecalciferol (1033) 282

Nagai, Y., see Kawamura, A. (1033) 201
Nakanishi, K., see Lee, S. (1033) 311
Nissim, I., Nissim, I. and Yudkoff, M.
Carbon flux through tricarboxylic acid cycle in rat renal tubules (1033) 194
Nissim, I., see Nissim, I. (1033) 194

Ogawa, T., see Kawamura, A. (1033) 201
Ohno, H., Gasa, S., Habara, Y., Kuroshima, A., Sato, Y., Miyazawa, N. and Taniguchi, N.
Effects of exercise stress and cold stress on glutathione and γ-glutamyltransferase in rat liver (1033) 19

Pagano, M., see Lazar, G. (1033) 41
Palumbo, A., D'Ischia, M., Misuraca, G., Carratú, L. and Prota, G.
Activation of mammalian tyrosinase by ferrous ions (1033) 256
Peborde, J.P. and Samain, D.
Preparation of tritiated lipopolysaccharides from *Escherichia coli* K12 (1033) 207
Peralta, R.M., Terenzi, H.F. and Jorge, J.A.
β-D-Glycosidase activities of *Humicola grisea*: biochemical and kinetic characterization of a multifunctional enzyme (1033) 243
Pidard, D., see Beiso, P. (1033) 7
Preston-Hurlburt, P., Wilson, P.T., Dowding, A.J. and Hawrot, E.
Monoclonal antibodies directed against a synthetic peptide corresponding to the α-bungarotoxin binding region of the acetylcholine receptor (1033) 324
Prota, G., see Palumbo, A. (1033) 256

Rebouche, C.J.
Carnitine transport and tissue carnitine accretion in rats (1033) 111
Redl, B., see Hanner, M. (1033) 148

Röhr, M., see Kubicek-Pranz, E.M. (1033) 250
Ronquist, G., see Wedenberg, K. (1033) 31
Rouxhet, P.G., see Herben, P.F.G. (1033) 184

Sairam, M.R., see Browne, E.S. (1033) 226
Salvioli, R., see Vaccaro, A.M. (1033) 73
Samain, D., see Peborde, J.P. (1033) 207
Sano, A., see Mizobuchi, M. (1033) 119
Sano, A., see Ueno, S.-i. (1033) 169
Sanyal, S., see Schalken, J.J. (1033) 103
Sato, Y., see Ohno, H. (1033) 19
Schalken, J.J., Janssen, J.J.M., Sanyal, S., Hawkins, R.K. and De Grip, W.J.
Development and degeneration of retina in *rds* mutant mice: immunoassay of the rod visual pigment rhodopsin (1033) 103
Scheid, S., see Behne, D. (1033) 219
Schneydenberg, C., see Hülsmann, W.C. (1033) 214
Schümann, K., Elsenhans, B., Ehtechami, C. and Forth, W.
Increased intestinal iron absorption in rats with normal hepatic iron stores. Kinetic aspects of the adaptative response to parenteral iron repletion in dietary iron deficiency (1033) 277
Selhub, J., see Fell, D. (1033) 80
Seno, N., see Kitagaki-Ogawa, H. (1033) 49
Seraglia, R., see Lapolla, A. (1033) 13
Severini, C., see Simmaco, M. (1033) 318
Seyfzadeh, M., see Yang, Y.C. (1033) 133
Shashi, K., Bachhawat, A.K. and Joseph, R.
ATP:citrate lyase of *Rhodotorula gracilis*: purification and properties (1033) 23
Shieh, W.-R., see Chen, C.-S. (1033) 1
Shiota, T., see Takada, K. (1033) 273
Shiota, T., see Takada, K. (1033) 91
Simmaco, M., De Biase, D., Severini, C., Aita, M., Falconieri Erspamer, G., Barra, D. and Bossa, F.
Purification and characterization of bioactive peptides from skin extracts of *Rana esculenta* (1033) 318
Sonoda, T. and Tatibana, M.
An improved method for determination of *N*-acetyl-L-glutamate by its function as an activator of carbamoyl phosphate synthetase I (1033) 162
Stöffler, G., see Hanner, M. (1033) 148
Stuart Bailey, J. and Chi-Hung Siu,
Unique tissue distribution of two distinct cellular retinoic acid binding proteins in neonatal and adult rat (1033) 267
Sturaro, A., see Lapolla, A. (1033) 13
Sugimoto, M., see Kawamura, A. (1033) 201

Takada, K., Shiota, T. and Ikeda, T.
Characterization of cross-reactive polysaccharide antigen with serotype *a* and *d* strains from *Streptococcus sobrinus* 6715 (1033) 273
Takada, K., Shiota, T. and Ikeda, T.
Characterization of glucan involved in the reduction of dental caries in rats (1033) 91
Takada, K., see Kawamura, A. (1033) 201
Taniguchi, N., see Ohno, H. (1033) 19
Tatibana, M., see Sonoda, T. (1033) 162
Tatti, M., see Vaccaro, A.M. (1033) 73
Templeton, D.M. and Castillo, G.
Variability of proteoglycan expression in the isolated rat glomerulus (1033) 235
Terenzi, H.F., see Peralta, R.M. (1033) 243
Thorén, S.A., Monti, M. and Holma, B.
Heat conduction microcalorimetry of overall metabolism in rabbit alveolar macrophages in monolayers and in suspensions (1033) 305
Tomita, K., see Kawamura, A. (1033) 201
Traldi, P., see Lapolla, A. (1033) 13
Tsiganos, C.P., see Vynios, D.H. (1033) 139
Tsukamoto, I. and Kojo, S.
The sex difference in the regulation of liver regeneration after partial hepatectomy in the rat (1033) 287

Ueno, S.-i., Morino, H., Sano, A. and Kakimoto, Y.
Purification and characterization of D-3-aminoisobutyrate–pyruvate aminotransferase from rat liver (1033) 169
Ulmsten, U., see Wedenberg, K. (1033) 31

Vaccaro, A.M., Tatti, M., Salvioli, R., Ciaffoni, F. and Gallozzi, E.
Correlation between the activity of glucosylceramidase and its binding to glucosylceramide-containing liposomes. Role of acidic phospholipids and fatty acids (1033) 73
Verkleij, A.J., see Hülsmann, W.C. (1033) 214
Vynios, D.H. and Tsiganos, C.P.
Squid proteoglycans: isolation and characterization of three populations from cranial cartilage (1033) 139

Waldenström, A., see Wedenberg, K. (1033) 31
Wasserman, R.H., see Mykkanen, H.M. (1033) 282
Wedenberg, K., Ronquist, G., Waldenström, A. and Ulmsten, U.
Low energy charge in human uterine muscle (1033) 31
Wilson, P.T., see Preston-Hurlburt, P. (1033) 324
Winkler, H., see Laslop, A. (1033) 65

Yang, Y.C., Chen, K.Y., Seyfzadeh, M. and Davis, R.H.
Deoxyhypusine/hypusine formation on a 21 000-dalton cellular protein in a *Neurospora crassa* mutant in vivo and in vitro (1033) 133
Yatohgo, T., see Kitagaki-Ogawa, H. (1033) 49
Yudkoff, M., see Nissim, I. (1033) 194